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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

USER'S MANUAL

THE VEA PROGRAM

Reviewing and Editing Target Readouts

Second Edition
April 1974

SECRET

NO FOREIGN DISSEM

NPIC/R-14/74

APRIL 1974

WARNING

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PROGRAM CALL

VEA,CRT LEN CR/LF
YOUR MIS COMPONENT CODE,NAME,PHONE CR/LF
KIND OF REVIEW,P,MISSION,PRINTER LEN
or
KIND OF REVIEW,S,PECIAL,PRINTER LEN
EOM then XMIT PAGE

25X1A [REDACTED] press UNSOL MSG to turn it off.

Examples:

25X1A	VEA,401 CR/LF	VEA,405 CR/LF	25X1A
	S31 [REDACTED] 2460 CR/LF	E81 [REDACTED] 2884 CR/LF	
25X1A	A1,P [REDACTED] ,013	VE,S,PECIAL,015	
	EOM XMIT PAGE		

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VEA FUNCTION KEYS [REDACTED]

25X1A

Press CTRL and letter key simultaneously.

ADD FIELD OCCURrence	- F	PRINT PAGE	- E
ADVance STATUS	- C	PROCEED	- D
DELeTe FIELD OCCURrence	- W	REGress STATUS	- X
DISPLay CURRent	- A	RETURN	- Z
DISPLay ORIGinal	- S	RE-XMIT	- Y
NEXT MRN	- V	STATUS	- G
NEXT PAGE	- R	TERM	- Q
PREVious PAGE	- T	UNSOL MSG	- B

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25X1A

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A NOTE TO USERS

This publication replaces all previous documentation of the VEA Program. Please destroy any earlier editions you may have.

If you have any questions about VEA, please contact the Scientific Systems Branch in the Automated Information Division. If your questions concern the old version of the program, VEAL, please contact the Information Systems Branch in AID.

Additional copies of this publication may be obtained from the Documentation and Coordination Staff, AID.

THE VEA PROGRAM:
A SUMMARY

During the processing of a mission the VEA Program displays target readouts and missions highlights on a CRT screen. There they are reviewed for accuracy and completeness. The review is usually completed in one run of the program. But it can be completed in two or three program runs. The review is complete when the displayed data has been approved. Once approved, readouts and highlights are entered in the Installations Data File. This is done automatically by the AUD Program.

VEA can also be used to check the status of readouts.

All reviews take place while readouts and mission highlights are temporarily stored in the Working File.

1 THE VEA PROGRAM: WHEN
AND WHY IT IS USED

WHEN IT IS USED

During the processing of a mission, target readouts and mission highlights are reviewed for accuracy and completeness. This takes place before the information is entered in the Installations Data File (IDF) and before an OAK is cabled. Each readout and highlight is displayed on a CRT screen by the VEA Program. There it is reviewed by authorized personnel. Once the review has been completed, the readout or highlight is entered in the IDF. During each program run VEA can also display the status of one or more readouts from the mission that is being processed.

THE REVIEW

A review consists of editing and approving the displayed readout. It may also consist of proofreading and approving only but no editing. It is usually completed during one program run.

If you edit data during a review, VEA will rapidly enter your editorial changes in the readout. Your editing may involve deleting, inserting, replacing, and transposing data. It may also involve adding and deleting occurrences of repeating fields.

Readouts and highlights to be reviewed are stored in the

Working File until they have been approved. Then they are entered in the IDF. Or, if they are not approved, they are returned to the Working File.

The review of readouts may also be performed in two or three program runs. In that case, the first step in the review is called verifying; the second, editing; and the third, approving. Regardless of these names, each step can involve proofreading and editing readouts. But only the last step involves approving them. Each step in the review may or may not be performed by the same person.

Each time you run the program the kind of review you want to perform is transmitted with your program call.

COMPLETE REVIEW: readout is entered in IDF when review is completed

Transmitted as A1

PARTIAL REVIEW: readout can be proofread and edited but is then returned to Working File; cannot be entered in IDF

Transmitted as A2

FIRST STEP ONLY: verifying; readout is returned to Working File

Transmitted as V

SECOND STEP ONLY: editing; readout is returned to Working File

Transmitted as E

THIRD STEP ONLY: approving; readout is entered in IDF

Transmitted as A

FIRST & SECOND STEPS: verifying and editing; readout is reviewed but not approved; returned to Working File

Transmitted as VE

CHECKING THE STATUS OF READOUTS

Each time you run the program, you can check the status of readouts based on the mission you cited in your program call. (See Chapter 5.) This can be done before or after, but not during, the review of a readout.

WHAT YOU SHOULD KNOW ABOUT THE IDF

To review readouts and highlights you should be familiar with the organization and content of the Installations Data File. A description of this file may be found in the fourth edition of The Installations Data File, July 1973. Copies of this publication are available in your office. Additional copies may be obtained from the Documentation and Coordination Staff in AID, extension 2460.

HOW DATA IS PROTECTED DURING PROGRAM RUNS

During the processing of a mission VEA is used concurrently by several people. To protect readouts from unauthorized and incorrect changes several safeguards have been included in the program.

- * VEA can be called and run only from those CRTs reserved for the program; if you try to use an unauthorized CRT, an error message will appear on the screen.
- * Only one person at a time can review a readout.

- * Only those readouts pertaining to the kind of review you select will be displayed; if you try to display others, even though you are using an authorized CRT, you will receive an error message.
- * The program will check each value in a fixed field or item to be sure that it consists of the correct number of characters; if it does not, an error message will appear on the screen.
- * The program maintains original and current pages of each readout. All reviews are performed on current pages; at the end of the program run your current page or pages will replace your originals.
- * If the computer or the CRT malfunctions during a program run, all readouts being reviewed are kept intact; they will not be displayed and processed until the computer or CRT is operating properly again.

2 EQUIPMENT AND PROGRAM RUNS

EQUIPMENT

VEA can be run from any on-line [REDACTED]
[REDACTED] Instructions for using [REDACTED] may be
found in Remote Access Computer Service, NPIC/R-08/72, third
edition, March 1972. (Copies are available in your office.)
In general, both models are operated in the same way. Unlike
the [REDACTED] has uppercase and lowercase symbols.
And the RETURN and LINE SPACER keys perform the return and
line-feed operations.

25X1A

25X1A

TIME RESTRICTIONS

After you have called the program, each display will
remain on the CRT screen for no more than ten minutes. If
you do not respond to the display, VEA will terminate. You
can get another ten minutes by responding to the display.
To respond follow an instruction. Or press a valid function
switch. Or transmit changes. Typing data will not give you
another ten minutes.

On [REDACTED] do not press UNSOL MSG to turn it off
when trying to get another ten minutes. If you do, data may
be lost. Ignore this caveat if you are using [REDACTED]

25X1A

VEA FUNCTION
SWITCHES AND KEYS

During each program run you use several function switches or keys.

25X1A On the [REDACTED] you need a plastic overlay to identify the numbered function switches. All VEA functions are annotated on this overlay.

25X1A On the [REDACTED] the same functions are performed by some of the keys. These keys are listed on the removable card just inside the cover of this publication. No plastic overlay is needed.

<u>Switch or Key</u>	<u>Function</u>
ADD FIELD OCCURRENCE	Adds an occurrence of a repeating field; see also chapter on editing
ADVANCE STATUS	When pressed, indicates next step in program run; this step will depend on what you typed in your program call A1: review completed; readout is entered in IDF A2: status of readout is not changed V: readout will go to user who types E or VE in program call E: readout will go to user who types A in program call A: readout will be entered in IDF VE: readout will go to user who types A in program call Note: readout cannot be "advanced" until all pages have been displayed
DELETE FIELD OCCURRENCE	Deletes one occurrence of a repeating field; see chapter on editing

<u>Switch or Key</u>	<u>Function</u>
DISPLAY CURRENT	Displays current (CURR) page of a read- out or highlight; page is used for editing
DISPLAY ORIGINAL	Displays original page of a readout or highlight; this is readout as you first received it; it includes all changes (if any) made by previous user of VEA; cannot be used for editing
NEXT MRN	Displays next available readout per- taining to information you typed in your program call
NEXT PAGE	Displays next CRT page of readout or highlight; also redisplayed edited expand pages
PREV PAGE	Redisplayed a preceding CRT page; may or may not be an expand page
PRINT PAGE	Prints one copy of CRT page that is on screen; page will be printed by on-line printer you specified via a LEN in your program call
PROCEED	Takes you to next step in program run; see also REGRESS STATUS
REGRESS STATUS	When pressed, indicates a preceding step in program run must be repeated or read- out is to be deleted from Working File; all changes <u>you</u> made to readout will be disregarded; disposition of readout will depend on what you typed in program call

Al: * either readout is deleted from

<u>Switch or Key</u>	<u>Function</u>
REGRESS STATUS (Cont.)	Working File * or returned to Working File & must be verified * or returned to Working File & must be edited A2: same as A1 V: readout is deleted from Working file E: readout will be sent to user who types V in program call A: same as A1 VE: readout is deleted from Working File ***If you have pressed REGRESS STATUS but do not want a preceding step in review to be repeated, press PROCEED. Readout will not be "regressed."***
RE-XMIT	Retransmits CRT page that is on screen
RETURN	Returns readout to Working File; may be pressed at any time; you need not dis- play all pages of readout before pressing RETURN; all changes (if any) <u>you</u> made are disregarded
STATUS	Displays instructions for checking status of a readout from mission & bucket you cited in your program call; can be pressed before & after, but not during, editing of readouts
TERM	Terminates program run; may be pressed at any time

Switch or
Key

Function

UNSOL MSG Will light up shortly after you transmit program call; [REDACTED] press to turn it off; do not press to get another 10 minutes during program run; see also TIME RESTRICTIONS, CHAPTER 2

25X1A

CALLING THE PROGRAM

VEA,CRT LEN CR/LF
YOUR MIS COMPONENT CODE,NAME,PHONE CR/LF
KIND OF REVIEW,P,MISSION,PRINTER LEN
or
KIND OF REVIEW,S,PECIAL,PRINTER LEN
Press EOM, then XMIT PAGE

UNSOL MSG will go on. [REDACTED]
press to turn off.

25X1A

CRT LEN - logical equipment number of CRT you are using

KIND OF REVIEW - A1, A2, V, E, A, or VE; type only one

P,MISSION - to review readouts (not highlights) from specified mission; cite mission prefix + number or mission & bucket number

S,SPECIAL - to review highlights; if S, is not followed by SPECIAL, program will terminate

PRINTER LEN - LEN of on-line printer if you want printouts of any displayed readouts

IEG - optional; IEG component
COMPONENT responsible for readouts;
CODE, if typed, must follow
MISSION

Here are some examples:

25X1A

VEA,401 CR/LF
E81, [REDACTED] 2884 CR/LF
A1,P, [REDACTED] 012
EOM XMIT PAGE

VEA,402 CR/LF
E81, [REDACTED] 2885 CR/LF
V,P, [REDACTED] 100,013
EOM XMIT PAGE

25X1A

25X1A

25X1A

VEA,401 CR/LF
E81, [REDACTED] 2884 CR/LF
A1,S,PECIAL,152
EOM XMIT PAGE

VEA,402 CR/LF
E81, [REDACTED] 2113 CR/LF
VE,S,PECIAL,012
EOM XMIT PAGE

25X1A

After you transmit your program call, a series of instructions will take you through the program run---one step at a time. The readouts you may review will be those that pertain to the mission and other information you transmitted with your program call. You may also check the status of readouts. Instructions for doing this will be displayed at the appropriate time during the run.

REVIEWING LENGTHY READOUTS

Occasionally the readouts to be reviewed will be quite lengthy. Such readouts cannot be handled by the new VEA Program. But they can be handled by the old version of the program, VEAL, which has been retained for this purpose. Whenever VEAL rather than VEA should be used, you will re-

ceive an appropriate message on the CRT screen.

To call and run VEAL follow the instructions in this publication. But type VEAL instead of VEA in the first line of the program call.

TRANSMISSION PROBLEMS:

25X1A

If the ACK MSG status lamp does not go on within several minutes after you have transmitted your program call, the computer did not receive your data. Follow one of the procedures given below. If the problem persists, please contact the Operating Systems Branch in AID.

- * REPEAT ACTION LAMP IS ON, YOUR
TRANSMISSION IS STILL ON SCREEN:
press XMIT PAGE again
- * REPEAT ACTION LAMP IS ON, NO MESSAGE
IS ON SCREEN:
retransmit program call
- * REPEAT ACTION LAMP IS OFF, NO MESSAGE
IS ON SCREEN:
retransmit program call; if lamp
does not go on, contact OSB/AID
- * ONLY THE LETTERS EOT ARE ON SCREEN:
press ERASE PAGE, then re-
transmit program call
- * LETTERS EOT ARE NOT ON SCREEN BUT
SOME OTHER MESSAGE IS:
previous user probably did not
terminate his program; press
ERASE PAGE; type KILLTHEJOB;

then press XMIT PAGE; if another
message appears, press ERASE
PAGE & rerun program

DISPLAY PROBLEM

Occasionally you may find that you cannot remove a readout from the screen---regardless of the switches or keys you press. If this should happen, terminate the program. Then call VEA again and continue reviewing readouts.

"UNLOCKING" READOUTS

A displayed readout remains intact whenever the computer or CRT fails or malfunctions during a program run. In data processing jargon the readout is said to be "locked out." If this happens, you will receive an appropriate message on the screen. The readout cannot be redisplayed until the computer or CRT is operating properly again. Once this happens, you can redisplay, that is, "unlock" the readout.

All changes you made to such a readout must be redone.

"Unlocking" a readout involves running two other computer programs: MGTA and MGTWK. Both are run from an on-line teletype. MGTA gives you a so-called LSA or logical start address. This is the address of the first storage location of the readout. The location is on a magnetic disc or drum. The address must then be used as input for the MGTWK Program. And this program will retrieve your readout.

First run MGTA, then MGTWK. For both program runs you need the machine reference number (MRN) that identifies the readout.

MGTA PROGRAM

ALT MODE, CTRL + SMK
MGTA,LEN (of teletype you are using) c/1
YOUR MIS COMPONENT CODE,NAME,PHONE c/1
ALT MODE, CTRL + SOS
PKHNNNN or PKHNNNN-N,NNNNN
ALT MODE, CTRL + EOT

PKHNNNN or PKHNNNN-N = phase of exploitation
& mission or mission &
bucket number

NNNNN = one MRN, 5 digits right
justified with leading
zeros if applicable

Examples:

25X1A	ALT MODE, CTRL + SMK MGTA,161 c/1 E81, [REDACTED] 2884 c/1 ALT MODE, CTRL + SOS	ALT MODE, CTRL + SMK MGTA,161 c/1 E81 [REDACTED] 2884 c/1 ALT MODE, CTRL + SOS	25X1A
25X1A	[REDACTED] ALT MODE, CTRL + EOT	[REDACTED] ALT MODE, CTRL + EOT	25X1A

(For more details on MGTA see IIS User's Manual,
the MGTA Program and the Working File, NPIC/
R-04/73, second edition, February 1973. Copies
may be obtained from the Documentation and
Coordination Staff in AID.)

MGTWK PROGRAM

ALT MODE, CTRL + SMK
MGTWK,LEN (of teletype you are using) c/1
YOUR MIS COMPONENT CODE,NAME c/1

ALT MODE, CTRL + SOS
RPROC MRNPKHNNNNbbbLSA NUMBER c/1
or
RPROC MRNPKHNNNN-NbLSA NUMBER c/1
ALT MODE, CTRL + EOT

MRN - must be a 5-digit number right justified with leading zeros if applicable

PKHNNNNbbb - 10-position field; b = one position that must be blank; phase of exploitation + mission number or mission & bucket number

LSA NUMBER - must be 5 digits right justified with leading zeros if applicable

Examples:

25X1A ALT MODE, CTRL + SMK
MGTWK,106 c/1
S31, [REDACTED] c/1
25X1A ALT MODE, CTRL + SOS
[REDACTED] c/1
ALT MODE, CTRL + EOT

25X1A ALT MODE, CTRL + SMK
MGTWK,106 c/1
S33,JONES c/1
ALT MODE, CTRL + SOS
[REDACTED] c/1
ALT MODE, CTRL + .EOT

TERMINATING
THE PROGRAM

You may terminate the program at any time. If you do this

while editing, the readout----just as you first received it----
will be returned to the Working File. No data will be lost.

25X1A



Press TERM, then ERASE PAGE

25X1A



Press CTRL + Q, then ERASE PAGE

3 CONVENTIONS: ALL PROGRAM RUNS

ORIGINAL AND
CURRENT PAGES

The entire review is performed on one or more current pages of a readout or highlight. This page is labeled CURR in line 2 at the left margin. The program also keeps a so-called original page of the same information. This is the readout as you first received it. At the end of your review, your current page will replace your original.

DISPLAYS OF READOUTS

On the screen the organization of readouts and highlights corresponds to the organization of records in the IDF. One or more sectors will be displayed on a CRT page. And each sector is identified by name. But the fields and items comprising the sector are not named. (Details on the IDF may be found in the fourth edition of The Installations Data File, July 1973.)

On each CRT page the lines at the top of the screen are always reserved for a defense classification and for header information. Reading from left to right, these are the values displayed in header lines.

First header line:

- * kind of review you are performing, e.g., A1
- * MRN or machine reference number of readout

- & corresponding record in the IDF
- * phase of exploitation
- * mission prefix & number
- * IEG component code
- * WWIPIR part
- * WWIPIR area

Second header line:

- * name of target
- * its BE number
- * its COMIREX number
- * its NPIC number

DOLLAR SIGNS

Dollar signs delimit all fixed, nontextual fields and items in the displayed sectors. Dollar signs may not be moved, deleted, or changed in any way. Textual material is not delimited by dollar signs or any other symbols.

WHAT MAY BE
EDITED AND WHERE

Any part of a sector may be edited. But header lines may not be edited. Fixed, nontextual fields and items are always edited on current pages. They must be typed inside dollar signs but need not be right or left justified. And leading and trailing blanks and zeros may be omitted. Text is always edited on an expand page.

EXPAND PAGES

All text is edited on a so-called expand page. This is simply an expanded version of a current page. In addition to

header lines and text, the page includes the fixed, nontextual items that comprise the displayed field. There will be at least four blank lines at the bottom of the page. If necessary, the text will be continued on subsequent expand pages.

Once you have edited the text, it can be transmitted. But no more than 56 CRT lines will be sent to the computer. This total does not include header lines and other nontextual data on the page. If you try to transmit more than 56 lines of text, the excess will be lost. And you will receive an error message.

During each program run you can get as many expand pages as you need.

PRINTOUTS OF DISPLAYED PAGES

Each time you use VEA you can have readouts and highlights printed. If you wish to do this, be sure to include the LEN of an on-line printer in your program call. You may have up to ten CRT pages printed during each program run. If you request more than ten, the program will terminate.

A page can be printed before or after you have reviewed it. But if you want a printout to include your changes, be sure they have been transmitted to the computer.

To have a CRT page printed

- * display the page
- * press PRINT PAGE

The page will then be printed by the device you specified (via a LEN) in your program call.

4 EDITING

EDITING NONTEXTUAL
VALUES

After editing a page, press XMIT PAGE. The next page (if any) of the sector will be displayed.

COMMENTS

Edit as many values as often as you wish before transmitting a page. If you use a [REDACTED] control switches are not used when replacing and deleting values.

25X1A

25X1A

JUSTIFYING VALUES

Values need not be right or left justified. And leading and trailing blanks and zeros may be omitted.

TO REPLACE VALUES

Type new values over the old or correct values over the incorrect. Stay inside the dollar signs.

TO DELETE VALUES

Place cursor under character to be deleted; then press space bar. Or place cursor under first character to be deleted; then press space bar once for each character to be deleted. Do not delete the dollar signs!

EDITING TEXT ON
EXPAND PAGES

Getting Expand Pages

Text is always edited on an expand page. To get and edit one or more expand pages use this procedure.

- * On the current page --- place cursor anywhere in field to be edited. Press CURSOR ADD.
- * Edit only the text. Check for errors. If there are none, press XMIT PAGE to transmit changes. If you find errors after pressing XMIT PAGE, correct them and then press RETRANSMIT.
- * If you have used an entire expand page and need another, press XMIT PAGE again. Do this each time you need another page.
- * Either press NEXT PAGE -- not PREV PAGE -- to redisplay edited pages or press PROCEED.

Editing Techniques

TO DELETE TEXT

25X1A

place cursor under first character to be deleted. Press key that will erase all of text or only one line. But do not use ERASE PAGE.

25X1A

place cursor under first character to be deleted. Press DELETE

switch. To delete text use space bar or ERASE TO END OF LINE or ERASE TO END OF PAGE. Or press NUL + SLOW or FAST REPEAT keys. But do not use ERASE PAGE.

TO REPLACE TEXT

Type new text over old. Or, if more convenient, delete old text, then type new text in same place. Or type new text over old, then delete rest of old text. When using a [REDACTED] be sure TYPE switch is on before entering new text.

25X1A

TO INSERT TEXT

Move cursor to position in which you want to begin inserting.

25X1A

[REDACTED] press CRSR ADD; then type insertion.

25X1A

[REDACTED] press INSERT switch; type insertion; then press TYPE switch.

As you insert, rest of text will be repositioned to accommodate your change. Text can be inserted until expand page is filled. To get another expand page see preceding page of this publication.

TO TRANSPOSE TEXT

Delete it from one location and insert it in another. You may perform either operation first.

SPACING

If a word ends in last position on one line, first position on next line must be blank. The same is true when going from last line on one page to first line on the next. To check spacing and see precisely where text can be typed, dis-

play so-called control characters.

25X1A

press SHIFT & CRSR ADD
simultaneously

25X1A

press CONTROL CHAR

Text can be typed in blank positions
only.

CHECKING FIXED NONTEXTUAL VALUES ON EXPAND PAGES

If you wish, you may have the program check the fixed, nontextual values (but not the header lines) on expand pages. Type * in the message in line 4. Press XMIT PAGE. VEA will then check the format of each and the kinds of characters in each. All erroneous values will be deleted but not corrected. And an error message will be displayed.

To correct errors redisplay the current page. Make your corrections and retransmit that page. Correct formats are those given in the fourth edition of The Installations Data File.

ADDING AN OCCURRENCE OF A REPEATING FIELD

The repeating field must be on the screen. It will be identified by sector name only; no field or item names are displayed.

Restriction: you may add one or more occurrences of a repeating field. But the maximum number of occurrences of all repeating fields cannot exceed 144. This total includes all occurrences in the IDF record plus those in the Working File. If you try to add more than 144, you will receive an error message.

Use this procedure to add an occurrence.

- * Press ADD FIELD OCCURRENCE.
- * Follow instruction near top of screen.
- * A duplicate of one of the displayed occurrences will appear on the screen; type new values over values displayed in the duplicate; delete all values that do not pertain to occurrence you are adding; if field contains text, be sure to get an expand page to enter that text.

Note: if record already contains 144 occurrences, a duplicate occurrence will not be displayed.

- * Press XMIT PAGE.

If you change your mind:

- * after pressing ADD FIELD OCCURRENCE but before pressing CURSOR ADD; press NEXT PAGE, PREV PAGE, XMIT, or RE-XMIT; the occurrence will not be added
- * after pressing XMIT PAGE; in this case press PROCEED; occurrence will not be added

DELETING AN OCCURRENCE
OF A REPEATING FIELD

* Press DELETE FIELD OCCURRENCE.

* Follow instruction near top of
screen.

Restriction: the last occurrence displayed cannot be
deleted.

If you change your mind: after pressing DELETE FIELD
OCCURRENCE but before pressing CURSOR ADD, press NEXT PAGE,
PREV PAGE, XMIT, or RE-XMIT. The occurrence will not be
deleted.

5 CHECKING THE STATUS OF READOUTS

USING VEA TO CHECK
THE STATUS OF READOUTS

Once you have called VEA, you can check the status of any readout from the mission you cited in your program call. The instruction for doing this will be displayed at the appropriate time. You may display the status of a readout before or after, but not during, the review of readouts.

This kind of display will give you the status of one readout:

```
*****  
MRN      42421                      BKT 2  
  
XPRI      WWIP                      TYPE  STAT  RREQ  
  
  (A)      (D)                      N      E      S  
  
*****
```

You may change the XPRI and WWIP values but not the others. Type your changes inside the parentheses. But do not move or delete the parentheses.

If you inadvertently alter the format of the display or the delimiters, the page will be redisplayed with an error message. Make the necessary corrections and press XMIT PAGE. If the transmission is successful, you will receive the same display with this message: THIS DISPLAY FOR REVIEW OF CHANGES ONLY. After five seconds, the initial VEA options will be redisplayed.

These are the codes that can appear in the display.

BKT Bucket number for readout

BKTM Will be displayed when no bucket number has been assigned to readout

XPRI COMIREX code for exploitation priority given to readout when it was entered in Working File; code may be A-F or I; for explanation of codes see The Installations Data File, 4th ed, July 1973; code could also be N or W
 N = readout for selected targets is NAC
 W = readout is from organization other than NPIC

WWIP WWIPIR part in which readout will be published: C, D, F, H, L, or Q

TYPE Code for photo coverage in relation to XPRI code

Blank - no photo coverage predicted

B - E, F, or I is "XPRI" code assigned to target in IDF

N - new target; value in WWIP is D

P - photo coverage predicted

U - A, B, C, or D is "XPRI" code
assigned to target in IDF

STAT Status of exploitation

Blank - there is no information on status
of readout exploitation

A - readout has been approved & can be
entered in IDF

E - readout is in Working File; must be
approved

R - readout is in IDF & has been selected
for reporting via WWIPIR system

U - readout is in IDF but has not been
reported via WWIPIR Program

1 - target is cloud covered; source of
value: WEAT8 or WEAT9 computer
program

2 - target is cloud covered; source of
value: DEN Program

3 - imagery not scheduled for exploitation

RREQ Status of readout requirement

Blank - no periodic readout required

S - requirement satisfied

U - requirement not satisfied

USING OTHER PROGRAMS TO
CHECK THE STATUS OF READOUTS

You can check the status of all readouts from a mission or of only those produced by one IEG component. But to do this you must use the MGTSI Program, not VEA. You can also get the total number of approved readouts. The total can be for all IEG divisions or for only one division or branch. These totals are produced by the MGTSI Program.

Instructions for running MGTSI and MGTSI may be found in Using Status List Files To Monitor the Exploitation of Imagery, first edition, December 1973. Copies are available in the Executive Officer Staff in IEG and in the Documentation and Coordination Staff, AID.

SOURCE OF DATA ON THE
STATUS OF READOUTS

It may be helpful to some users of VEA to know the source of the information on the status of readouts. This information comes from status list files. These are private files used by those who monitor the exploitation of imagery from a mission. This process begins when the first list of targets with predicted coverage is printed. And it ends when the appropriate readouts from the mission have been reported. Each file is set up by the Operations Branch in AID. And it is updated by several computer programs as the mission is exploited. One of these is VEA.

Each status list file contains data on one mission. Thus, each file also includes data on the review and approval of readouts from the mission. For instance, the mnemonics and codes in the display on the status of one readout are used in status list files.

You will find a detailed description of these files in Using Status List Files To Monitor the Exploitation of Imagery.

6 ERRORS AND ERROR MESSAGES

ERRORS ENTERED
IN THE IDF

If for any reason erroneous data is entered in the IDF, it can be corrected during a run of the On-Line Update or OUD Program---not of VEA. OUD is run only by those who are authorized to update the IDF.

TYPING THE
WRONG MRN

If you type---but do not transmit---the wrong MRN, type the right number over the wrong number. If you inadvertently type anywhere other than over the dashes and delete material, be sure to replace that material before pressing XMIT PAGE.

GETTING THE
WRONG READOUT

If for any reason you transmit a valid MRN but the displayed readout is not the one you want, press RETURN. The readout will be returned to the Working File. Or you may terminate the program by pressing TERM.

ERROR MESSAGES

If you transmit invalid data or press the wrong switch or key, you will receive an error message. Error messages and what to do about each are listed below in alphabetical order.

<u>Error Message</u>	<u>Error</u>	<u>What To Do</u>
BEFORE ADVANCING STATUS YOU MUST LOOK AT ENTIRE READOUT	You tried to advance readout before displaying all pages	Display all CRT pages of readout, then press ADVANCE STATUS
ERR: NO MISSION CONTROL SECTOR EXISTS FOR THE PHASE AND MISSION YOU SPECIFIED	No readouts or highlights in Working File for mission you cited in program call; could also be hardware error	Terminate program; then retransmit program call; be sure to type correct mission data
ERROR ENCOUNTERED DURING WRITE TO EXTRA FILE--PROGRAM TER- MINATED	Hardware error	Retransmit program call; continue processing; if error recurs, call Scien- tific Systems Branch, AID
ERROR IN FORMAT, MODE, PRINTER LEN, OR COMPONENT MISSING - RUN TERM.	You transmitted invalid data in program call or you omitted required data; could also be hardware error	Check Chapter 2; then re- transmit program call
ERROR- STATUS FUNCTION BUTTON NOT PERMITTED NOW	You pressed STATUS during review of readout	Finish review, then press STATUS

<u>Error Message</u>	<u>Error</u>	<u>What To Do</u>
INDEX INTO DST EXCEEDS 1008 -- NO MORE THAN 144 OCCURRENCES ARE PERMITTED	You tried to add more than 144 occurrences to all repeating fields in one record	Finish processing readout but do not add any more occurrences of repeating fields; once readout is in IDF, you may add more occurrences via OUD Program
INVALID CRT LEN NUMBER -- PROGRAM TERMINATED	You tried to use unauthor- ized CRT	Rerun program from author- ized CRT
INVALID FUNCTION BUTTON DEPRESSED	You pressed wrong function switch or key; or could be hardware error	Press correct switch or key & continue processing; redo changes (if any) since last transmission
INVALID INPUT STREAM-- PROGRAM TERMINATED	Hardware error	Retransmit program call; if error recurs, call SSB/AID
INVALID OPTION DESIGNATOR-- PROGRAM TERMINATED	Kind of review was not transmitted as A1, A2, V, E, A, or VE	Retransmit program call
INVALID PHASE DESIGNATOR-- PROGRAM TERMINATED	You did not include P, or S, in program call	Retransmit program call; type P, to review readouts or S, to review highlights

<u>Error Message</u>	<u>Error</u>	<u>What To Do</u>
MISSING OR INVALID MISSION DESIGNATOR -- PROGRAM TERMINATED	Invalid mission prefix trans- mitted or this information was omitted; or you did not transmit S,PECIAL	Retransmit program call; be sure to include mission prefix + mission number; or type S,PECIAL to review highlights
NEW OCCURRENCE MAY NOT BE ADDED -- THIS SECTOR CONTAINS NO REPEATING FIELDS	You have tried to enter an occurrence of a repeating field in a sector that is not comprised of a repeat- ing field	Continue processing; error will not be entered in readout
NO ENTRIES FOUND FOR NEXT MRN - PRESS PROCEED	You have requested next available readout but there is none	Press PROCEED or terminate program
****PLEASE TERMINATE VEA NOW OR AFTER COMPLETING THIS MRN - OPB NEEDS SYSTEM	Operations Branch, AID needs computer system	Follow instruction in message; please rerun program later
RUN IN PROCESS - MRN/NNNNN PHASE MISSION/KHNNNN-N. UPDATE WAS DONE. (errors listed here) AUD RUN COMPLETED (Teletype message)	You approved readout of new target but one or more fields in IHEAD sector are incorrect; readout will be entered in IDF but incorrect fields will <u>not</u> be entered; KHNNNN-N = mission & bucket AUD = Automatic Update Program	Errors listed in message cannot be corrected via VEA, notify authorized users of OUD Program

<u>Error Message</u>	<u>Error</u>	<u>What To Do</u>
TEXT FOR THIS MRN IS TOO LONG TO PROCESS --- TRY VEAL. EITHER TERMINATE PROGRAM OR PRESS PROCEED TO CONTINUE.	Readout includes an occurrence of a repeating field that con- sists of over 56 lines of text	Call VEAL to process readout; see Chapter 2
WORKING FILE FULL	No more readouts can be entered in Working File at this time; program will be terminated	Please notify SSB/AID
YOU CANNOT REQUEST NEXT MRN -- CRT IS IN WRONG MODE	Readout you requested does not pertain to kind of re- view you typed in program call	Request specific MRN or terminate program
YOU MAY NOT DELETE THE LAST OCCURRENCE OF A SECTOR - PRESS RE-XMIT	You tried to delete last displayed occurrence of a repeating field but last occurrence cannot be deleted	Press RE-XMIT; last page you were processing will be redisplayed; continue reviewing
YOU MAY ONLY EXPAND CURRENT PAGE	You tried to get an expand page while displaying original page of readout	Text can be edited on current expand pages only; press DISPLAY CURRENT, then get an expand page
YOU MUST RESET ANY MRN YOU WERE WORKING WITH IN THE WORKING FILE - TERM	Computer malfunctioned as you were reviewing readout; processing could not continue; readout has been "locked out"	Follow instructions in Chapter 2, "UNLOCKING" READOUTS

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